Supplementary material for the article:

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Profiling of autochthonous and international grapevine varieties grown in Serbia - phenolic and elemental composition

Running title**: Profiling of autochthonous and international grapevines grown in Serbia**

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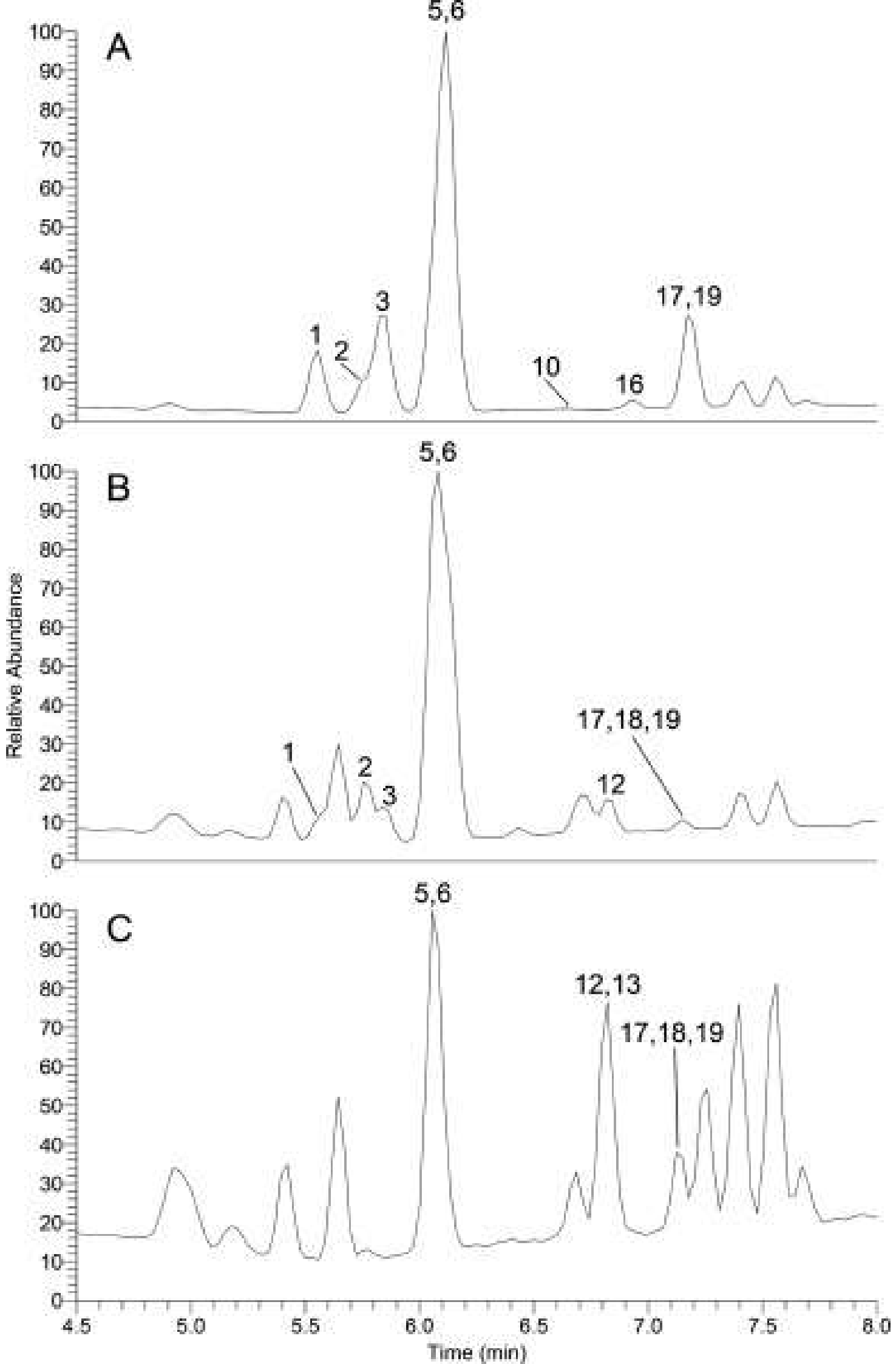
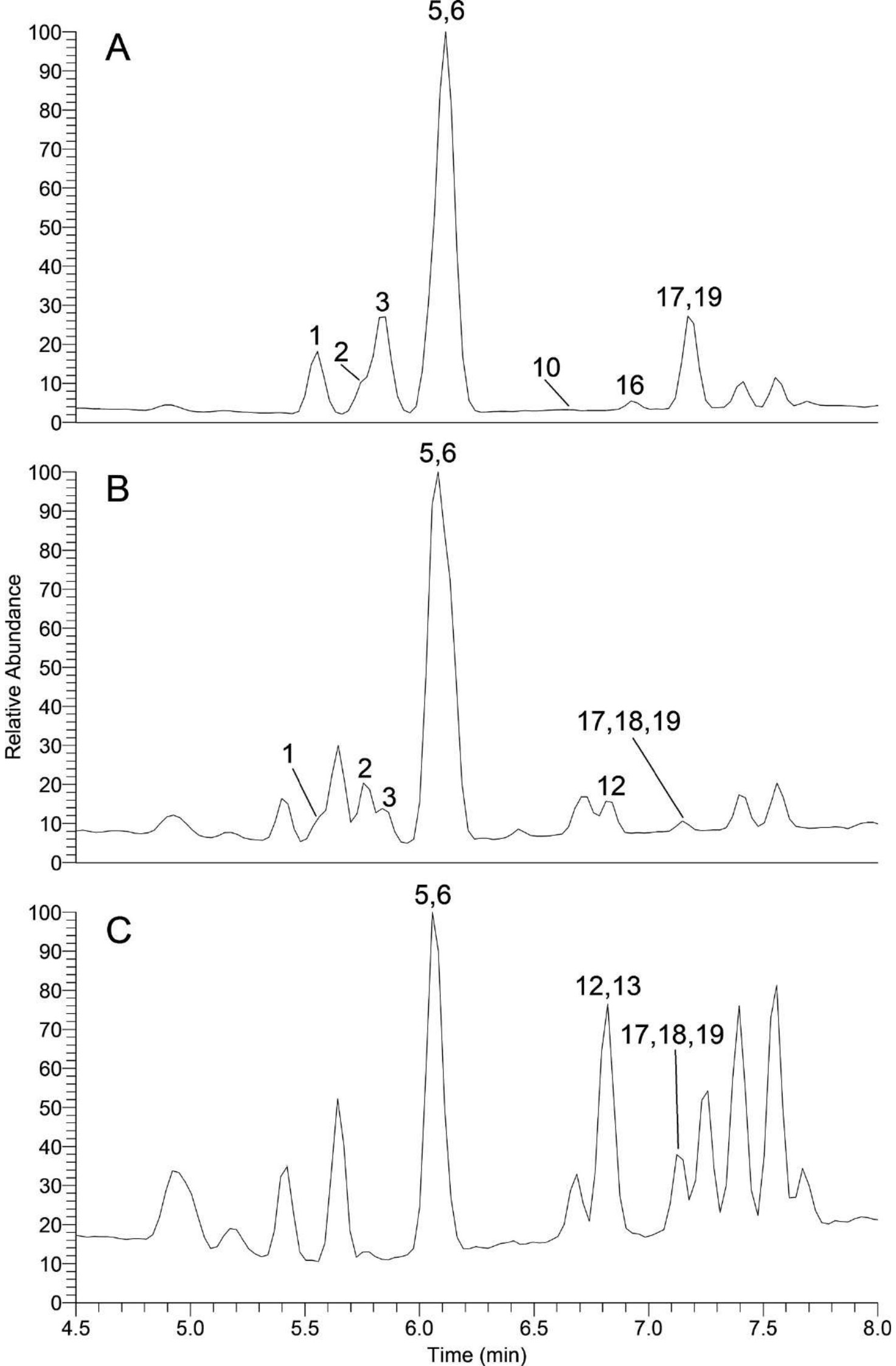
Table S1. Correlation coefficients among elements in analyzed grape sample.[a]

	K	P	Ca	Mg	S	Fe	Al	Cu	Na	Mn	Zn	Co	Cr	Li	Mo	Ni	Pb	Sb	Se	Cd
K	1.00																			
P	**0.91****	1.00																		
Ca	**0.85***	**0.97*****	1.00																	
Mg	**0.97*****	**0.97*****	**0.95****	1.00																
S	**0.92****	**0.98*****	**0.96****	**0.97*****	1.00															
Fe	**0.92****	**0.95****	**0.94****	**0.96*****	**0.97*****	1.00														
Al	-0.10	0.06	0.22	0.04	0.17	0.20	1.00													
Cu	**0.80***	**0.95****	**0.92****	**0.88***	**0.89***	**0.87***	-0.06	1.00												
Na	-0.05	0.12	0.28	0.10	0.23	0.25	1.00	0.01	1.00											
Mn	0.39	0.48	0.64	0.52	0.53	0.55	0.72	0.36	0.76	1.00										
Zn	**0.84***	**0.94****	**0.97*****	**0.93****	**0.96****	**0.94****	0.37	**0.83***	0.43	0.74	1.00									
Co	-0.08	0.01	0.09	-0.03	-0.08	0.07	-0.07	0.24	-0.09	-0.01	-0.08	1.00								
Cr	0.73	0.66	0.64	0.71	0.69	**0.83***	0.20	0.61	0.20	0.36	0.64	0.36	1.00							
Li	0.31	0.57	0.70	0.50	0.51	0.50	0.19	0.68	0.23	0.40	0.55	0.53	0.30	1.00						
Mo	0.41	0.23	0.19	0.32	0.27	0.43	-0.06	0.22	-0.11	-0.12	0.14	0.46	**0.81***	0.11	1.00					
Ni	0.68	**0.90***	**0.85***	**0.78***	**0.88***	**0.83***	0.17	**0.92****	0.23	0.40	**0.83***	0.02	0.54	0.54	0.08	1.00				
Pb	-0.53	-0.53	-0.58	-0.56	-0.46	-0.48	-0.02	-0.52	-0.08	-0.67	-0.58	-0.12	-0.25	-0.29	0.21	-0.37	1.00			
Sb	-0.20	-0.41	-0.31	-0.24	-0.27	-0.24	0.29	-0.60	0.23	-0.02	-0.23	-0.29	-0.07	-0.25	0.26	-0.60	0.49	1.00		
Se	-0.22	-0.17	-0.04	-0.13	-0.01	0.01	**0.86***	-0.33	**0.83***	0.38	0.11	-0.25	0.09	-0.03	0.09	-0.10	0.41	0.67	1.00	
Cd	-0.19	-0.22	-0.14	-0.16	-0.15	-0.25	0.38	-0.42	0.40	0.42	0.03	-0.74	-0.52	-0.35	-0.71	-0.26	-0.21	0.32	0.36	1.00
V	-0.21	-0.03	0.20	-0.03	-0.07	-0.10	0.28	0.04	0.30	0.45	0.10	0.36	-0.28	0.68	-0.34	-0.10	-0.32	0.05	0.08	0.21

[a] *p* values: ***p<0.05**, ****p<0.005**, *****p<0.0005**.


A
5,6
1
2
3
10
16
17,19
B
5,6
1
2
3
12
17,18,19
C
5,6
12,13
17,18,19
Relative Abundance
Time (min)
4.5
5.0
5.5
6.0
6.5
7.0
7.5
8.0


A
5,6
1
2
3
10
16
17,19
B
5,6
1
2
3
12
17,18,19
C
5,6
12,13
17,18,19
Relative Abundance
Time (min)
0
10
20
30
40
50
60
70
80
90
100
4.5
5.0
5.5
6.0
6.5
7.0
7.5
8.0